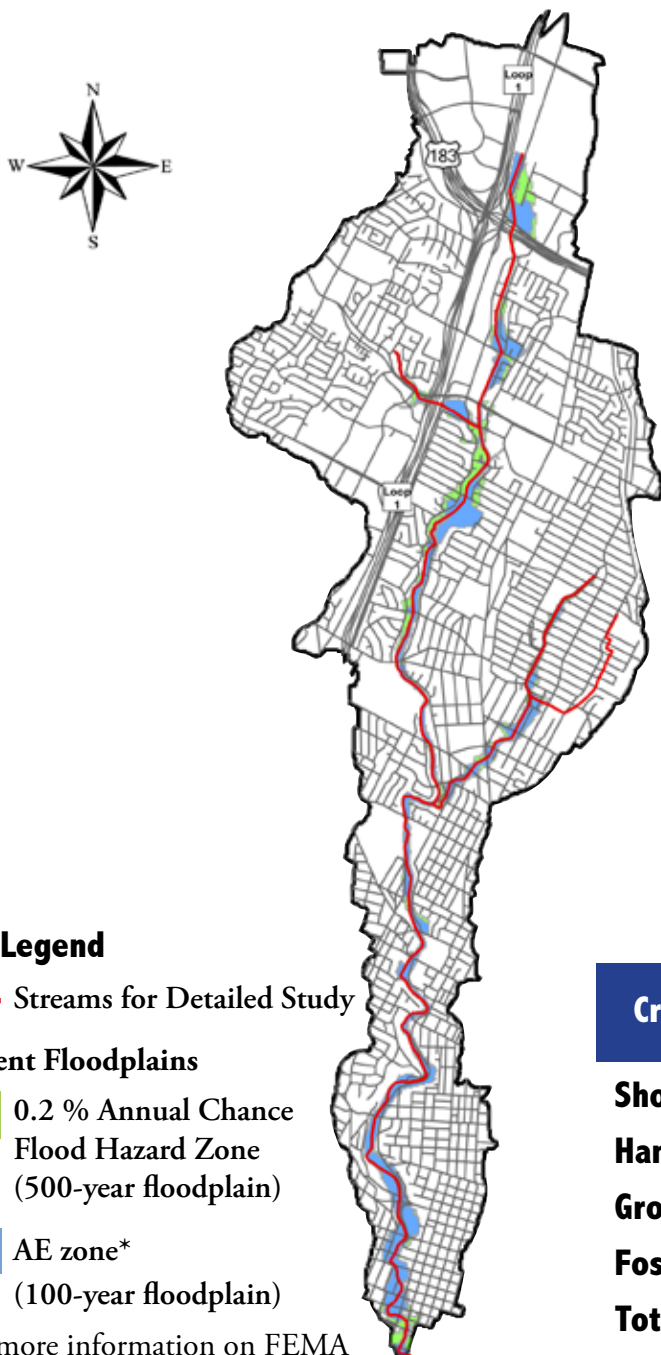


Floodplain Study: Shoal Creek

Shoal Creek is an urban watershed with a drainage area of approximately 13 square miles and 14 miles of streams to be studied, including the Hancock, Grover and Foster Branches. The watershed is bordered roughly by the Colorado River on the south, Loop 1 (Mopac) on the west, Braker Lane on the north and Lamar Boulevard on the East. The creek discharges into the Colorado River.



Reason for Study

During the past decade, Shoal Creek has experienced a number of instances of severe flooding, which have caused significant property damage, creek erosion and water pollution.

The current floodplain map, which became effective in 2008, incorporated new hydrologic modeling but used older hydraulic models. This study will update both the hydraulic and hydrologic models, improving the accuracy of the floodplain maps.

In addition, the City of Austin has completed several major flood control improvements in the watershed, which are not included in the current maps and models. Examples are the construction of Z-K Pond, near the headwaters of the watershed, and the modernization of the Great Northern Dam. The current maps and models also do not include the Grover Branch.

Contact

City of Austin Floodplain Information Hotline
 512-974-2843
floodinfo@ci.austin.tx.us

Map Legend

— Streams for Detailed Study

Current Floodplains

0.2 % Annual Chance
 Flood Hazard Zone
 (500-year floodplain)

AE zone*
 (100-year floodplain)

*For more information on FEMA
 flood zones, visit www.fema.gov.

Creek	Square Miles of Basin Area	Miles of Stream for Detailed Study
Shoal Creek	13.1	10.1
Hancock Branch	1.8	2.2
Grover Branch	0.6	1.1
Foster Branch	1.3	0.9
Total	13.1	14.3